Attorney Docket No.: 23854-0004US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hasse Roland Abrahamsson et al. Art Unit: 1614

Serial No.: 10/551,999 Examiner: Phyllis G. Spivack

Filed : October 4, 2005 Conf. No. : 6477

Title : USE OF AN IBAT INHIBITOR FOR THE TREATMENT OF PROPHYLAXIS

OF CONSTIPATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY AND ELECTION OF ASSIGNEE TO CONDUCT PROSECUTION TO EXCLUSION OF INVENTORS

Under 37 CFR §3.73(b) ALBIREO AB, a corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent application identified above by virtue of:

A chain of title from the inventors of the patent application identified above, to the current assignee as shown below. Copies of the assignments or other documents in the chain of title are attached hereto.

1.	From Hasse Roland Abrahamsson, and Per-Goran Gillberg to AstraZeneca AB
recorded in th	ne Patent and Trademark Office at Reel 017852, Frame 0130 on October 4, 2005
against applic	eation serial no. 10/551,999; and

2.	From AstraZeneca	a AB to Albireo AB 1	ecorded in the Patent and Trademark
Office at Reel	, Frame _	on	against application serial no.
<u>10/551,999</u> .			

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned authorizes the below-listed attorneys/agents to insert the Reel/Frame number and date of recordation of any assignment referenced herein, when known.

Applicant: Hasse Roland Abrahamsson et al.

Serial No.: 10/551,999 Filed: October 4, 2005

Page

: 2 of 2

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the application and appoints practitioners associated with:

PTO CUSTOMER NO.: 26181

Attorney Docket No.: 23854-0004US1

as its attorneys to prosecute the application and to transact all business in the Patent and Trademark Office connected therewith with full powers of substitution and revocation, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 CFR § 3.71 *et seq.* of the Patent and Trademark Office Rules of Practice.

All correspondence regarding the application should be sent to:

PTO Customer Number: 26181

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Date: February 10, 2009

Respectfully submitted,

Name:

Title:

VP Operations
ALBIREO AB

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Fish & Richardson P.C.
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50634828.doc





UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 29, 2006

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MORGAN LEWIS & BOCKIUS LLP 1111 PENNSYLVANIA AVENUE NW WASHINGTON, DC 20004

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RECORDATION DATE: 10/04/2005

REEL/FRAME: 017852/0130

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 056291-5214

ASSIGNOR:

ABRAHAMSSON, HASSE ROLAND

DOC DATE: 08/24/2005

ASSIGNOR:

GILLBERG, PER-GORAN

DOC DATE: 08/31/2005

ASSIGNEE:

ASTRAZENECA AB

S-151 85 SODERTALJE, SWEDEN

SERIAL NUMBER: 10551999 FILING DATE: 10/04/2005

PATENT NUMBER: ISSUE DATE:

TITLE: USE OF AN IBAT INHIBITOR FOR THE TREATMENT OF PROPHYLAXIS OF

CONSTIPATION

RECLIVE

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JEEVON JONES, EXAMINER ASSIGNMENT SERVICES BRANCH PUBLIC RECORDS DIVISION

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NATURE OF CONVEYANCE: ASSIGNMENT	SUBMISSION TYPE:	NEW ASSIGNMENT
Table 101 Table	NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AstraZeneca AB	02/05/2009

RECEIVING PARTY DATA

Name:	Albireo AB	
Street Address:	Arvid Wallgrens Backe 20	
City:	Goteborg	
State/Country:	SWEDEN	
Postal Code:	SE-413 46	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10551999

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 23854-0004US1		
NAME OF SUBMITTE	Richard G. A. Bone	
Signature:	/Richard G. A. Bone/	
Date:	02/11/2009	
Total Attachments: 1 source=Assignment_to_A	ireo_AB#page1.tif	
RECEIPT INFORMATION		
EPAS ID: Receipt Date: Fee Amount:	Receipt Date: 02/11/2009	

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ATTORNEY DOCKET NUMBER:	23854-0004US1
NAME OF SUBMITTER:	Richard G. A. Bone

Signature:	/Richard G. A. Bone/
Date:	02/11/2009
Total Attachments: 1 source=Assignment_to_Albireo_AB#page1.tif	
RECEIPT INFORMATION	
EPAS ID: PAT795527 Receipt Date: 02/11/2009 Fee Amount: \$40	

ÖVERLÅTELSE

Jag, ÖVERLÅTAREN: AstraZeneca AB, förklarar härmed att jag överlåtit till FÖRVÄRVAREN:

Albireo AB

all min rätt till patent och bruksmönster i alla länder på en uppfinning gjord av:

ABRAHAMSSON, Hasse Roland; GILLBERG, Per-Göran

benämnd:

Use of an IBAT Inhibitor for the Treatment or Prophylaxis of Constipation

varå ansökan om patent inlämnats

den 4 oktober 2005

i USA

med ansökningsnummer: 10/551999

Överlåtelsen av ovannämnda rätt till uppfinning innefattar en övergång av rätten till patent och bruksmönster i alla länder, samt all rätt att i alla länder åberopa prioritet, enligt Pariskonventionen och varje därmed ekvivalent avtal, från den ovannämnda patentansökningen.

FÖRVÄRVAREN förfogar härefter ensam över uppfinningen och innehar med full äganderätt varje därå ansökt eller beviljat patent och bruksmönster i alla länder.

Jag, ÖVERLÅTAREN förpliktar mig att underteckna alla handlingar som erfordras för patents uttagande, och i övrigt alla sådana handlingar som kan erfordras för att göra de härmed överlåtna rättigheterna gällande.

Skulle hinder möta för ÖVERLÅTAREN att personligen underteckna nämnda handlingar, gäller denna överlåtelsehandling såsom fullmakt för FÖRVÄRVAREN att för ÖVERLÅTARENS räkning - eller om denne senare skulle avlida, för ifrågavarande dödsbos räkning - underteckna nämnda handling.

ASSIGNMENT

I, the ASSIGNOR: AstraZeneca AB, hereby declare that I have assigned to the ASSIGNEE:

Albireo AB

my entire right to patents and utility models, in all countries, on an invention made by:

ABRAHAMSSON, Hasse Roland; GILLBERG, Per-Göran

bearing the title:

Use of an IBAT Inhibitor for the Treatment or Prophylaxis of Constipation

for which an application for a patent has been filed

on 4 october 2005

in USA

with the Application No: 10/551999

The assignment of the above mentioned right to an invention includes a transfer of the right to patents and utility models in all countries, and the right of priority, pursuant to the Paris Convention for the Protection of Industrial Property and any equivalent treaty, of the above identified patent application.

The ASSIGNEE alone hereinafter has the entire disposal of the invention and possesses entire ownership to any and all patents and utility models applied for or granted thereon in all countries.

I, the ASSIGNOR, undertake to sign all documents necessary for taking out a patent and, moreover, all such documents that may be required to assert the rights transferred hereby.

If the ASSIGNOR is prevented by any obstacles from signing said documents in person, this document of assignment shall be valid as a Power of Attorney for the ASSIGNEE to sign these documents on behalf of the ASSIGNOR or, in the event of the death of the latter, the estate thereof.

Ort och datum/Place and date Södertälje, Sweden 5 February 2009

Bo Hasslev, Director IP Finance

Överlåtarens underskrift/Signature of the Assignor

Överlåtarens adress/Address of the Assignor

AstraZeneca AB SE-151 85 Södertälje Sweden